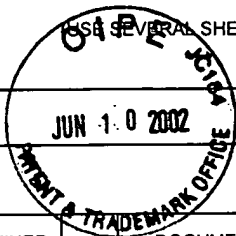


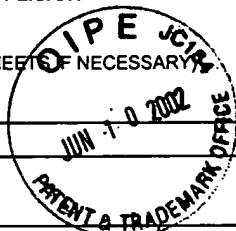
FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.037C3	APPLICATION NO. 10/072,681
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Burton, et al.	
		FILING DATE February 8, 2002	GROUP 1646- 1653



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
AM	1	4,407,744	04.10.83	Young, D.	530	399	
	2	4,565,785	21.01.86	Gilbert, et al.	435	371	
	3	4,673,641	16.06.87	George, et al.	435	68-1	
	4	4,710,473	01.12.87	Morris	435	68-1	
	5	4,738,921	19.04.88	Belagaje, et al.	435	68-1	
	6	4,795,706	03.01.89	Hsiung, et al.	435	68-1	
	7	5,082,774	21.01.92	Heinrich, et al.	435	172-3	
	8	5,169,762	08.12.92	Gray, A.M., et al.	435	69-1	
	9	5,210,185	11.05.93	Delli Valle, et al.	530	399	
	10	5,235,043	10.08.93	Collins, et al.	530	399	
	11	5,272,063	21.12.93	Chan, H., et al.	435	69-1	
	12	5,288,622	22.02.94	Gray, et al.	435	69-4	
	13	5,364,769	15.11.94	Rosenthal, A.	435	69-4	
	14	5,389,529	14.02.95	Panayotatos, et al.	435	69-8	
	15	5,438,121	01.08.95	Barde, et al.	530	399	
	16	5,453,361	26.09.95	Yancopoulos, G., et al.	435	69-1	
	17	5,488,099	30.01.96	Persson, et al.	530	399	
	18	5,512,661	30.04.96	Shooter, E.M., et al.	530	399	
	19	5,606,031	25.02.97	Lile, J., et al.	530	416	
	20	5,639,664	17.06.97	Iwane, M. et al.	435	320	
	21	5,702,906	30.12.97	Rosenthal, A.	435	7-1	
	22	5,705,617	06.01.98	Persson, H., et al.	530	399	
	23	5,728,803	17.03.98	Urfer, R., et al.	530	350	
	24	5,733,875	31.03.98	Martin	514	12	
	25	5,798,448	25.08.98	Caras, I.W., et al.	530	387-1	
AM	26	5,830,858	03.11.98	Rosenthal, A.	514	12	

EXAMINER	Abdel A. Mohamed	DATE CONSIDERED	11/26/02
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCK GENENTECH	APPLICATION NO. 10/072,681
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		RECEIVED JUN 13 2002	
		APPLICANT Burton, et al.	
		FILING DATE February 8, 2002	GROUP 4546-1653
		TECH CENTER 1600/2900	



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
AM	27	5,843,914	01.12.98	Johnson, Jr., E., et al.	517	12	
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
AM	28	685,490	06.12.95	EPO			
	29	450,386 A2	09.10.91	EPO			YES NO
	30	414,151	15.03.95	EPO			
	31	121,338	10.10.84	EPO			
	32	WO 92/05254	02.04.92	PCT			
	33	WO 92/22665	23.12.92	PCT			
	34	WO 95/16701	22.06.95	PCT			
	35	WO 95/30686	16.11.95	PCT			
AM	36	WO 95/33829	14.12.95	PCT			
EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
AM	37	Angeletti, "Nerve Growth Factor from Cobra Venom" <u>Proc. Natl. Acad. Sci. USA</u> 65(3):668-674 (1970)					
	38	Angeletti, et al. "Nerve Growth Factor From Mouse Submaxillary Gland: Amino Acid Sequence" <u>Proc. Natl. Acad. Sci. USA</u> 68(10):2417-2420 (1971)					
	39	Angeletti, et al. "Purification Characterization, and Partial Amino Acid Sequence" <u>Biochem</u> 15:26-34 (1976)					
	40	Barnett, et al., "Physicochemical Characterization of Recombinant Human Nerve Growth Factor Produced in Insect Cells with a Baculovirus Vector" <u>J. of Neurochemistry</u> 57(3):1052-1061 (1991)					
	41	Belew, et al., "Chick Embryo Nerve Growth Factor" <u>Exp. Cell Res.</u> , 167:550-558 (1986)					
	42	Berkmeier, et al., "Neurotrophin-5: A Novel Neurotrophic Factor That Activates trk and trkB" <u>Neuron</u> 7:857-866 (November 1991)					
	43	Bigon, et al., "Large Scale Purification and Immunological Characterization of Human Placental Nerve Growth" <u>Neurochemical Research</u> 15(12):1197-1202 (1990)					
	44	Bocchini, et al., "The Nerve Growth Factor: Purification as a 30,000-Molecular-Weight Protein" <u>Proc. Natl. Acad. Sci. USA</u> 64:787-794 (1969)					
	45	Bradshaw, "Nerve Growth Factor" <u>Ann. Rev. Biochem.</u> 47:191-216 (1978)					
	46	Bruce, et al., "Production and Characterization of Biologically Active Recombinant Human Nerve Growth Factor" <u>Neurobiology</u> 10:89-94 (1988)					
	47	Buj-Bello, et al., "GDNF Is an Age-Specific Survival Factor for Sensory and Autonomic Neurons" <u>Neuron</u> 15:821-828 (1995)					
	48	Burton, et al., "Activity and Biospecificity of Proteolyzed Forms and Dimeric Combinations of Recombinant Human and Murine Nerve Growth Factor" <u>J. Neurochem.</u> 59(5):1937-1945 (1992)					
AM	49	Callegaro, L., et al. "Biological and Immunochemical Properties of Recombinant Human NGF" <u>Trophic Factors and the Nervous System</u> , L. A. Horrocks, et al., New York: Raven Press, Ltd. pps. 75-82 (1990)					

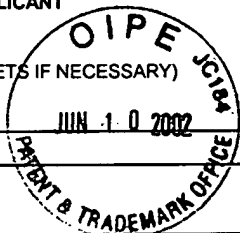
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT.037C3	APPLICATION NO. 10/072,681
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		RECEIVED JUN 13 2002 TECH CENTER 1600/2900	
		RECEIVED JUN 14 2002 TECH CENTER 1600/2900	
U.S. PATENT & TRADEMARK OFFICE JUN 10 2002		APPLICANT Burton, et al.	FILING DATE February 8, 2002

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
Am	50	Chapman, et al., "The Isolation and Characterization of Nerve Growth Factor from the Prostate Gland of the Guinea Pig" <u>European Journal of Biochemistry</u> 115 :347-351 (1981)					
	51	De Young, et al., "RhNGF Slow Unfolding is not Due to Proline Isomerization: Possibility of a Cystine Knot Loop-Threading Mechanism" <u>Protein Sci.</u> 5(8) :1554-1566 (1996)					
	52	Dicou, et al., "Synthesis of Chimeric Mouse β -Nerve Growth Factor Precursor and Human α -Nerve Growth Factor in Escherichia coli: Immunological Properties" <u>Journal of Neuroscience Research</u> 22 :13-19 (1989)					
	53	Edwards, et al., "Processing and Secretion of Nerve Growth Factor: Expression in Mammalian Cells with a Vaccinia Virus Vector" <u>Molecular & Cellular Biology</u> 8(6) :2456-2464 (1988)					
	54	Emfors, et al., "Molecular Cloning and Neurotrophic Activities of a Protein With Structural Similarities to Nerve Growth Factor: Developmental and Topographical Expression in the Brain" <u>Proc. Natl Acad. Sci. USA</u> 87 :5454-5458 (July 1990)					
	55	Goldstein, et al., "ISOLATION OF HUMAN NERVE GROWTH FACTOR FROM PLACENTAL TISSUE" <u>Neurochemical Research</u> 3 :175-183 (1978)					
	56	Hallbook, et al., "Evolutionary Studies of the Nerve Growth Factor Family Reveal a Novel Member Abundantly Expressed in Xenopus Ovary" <u>Neuron</u> 6 :845-858 (May 1991)					
	57	Heinrich, et al., "Nerve Growth Factor (NGF) is Present in Human Placenta and Semen, But Undetectable in Normal and Paget's Disease Blood: Measurements with an Anti-Mouse NGF Enzyme Immunoassay Using a Recombinant Human NGF Reference" <u>Biochemical and Biophysical Research Communications</u> 155(1) :482-486.					
	58	Henerson, et al., "GDNF: A Potent Survival Factor for Motoneurons Present in Peripheral Nerve and Muscle" <u>Science</u> 266 :1062-1064 (1994).					
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	62	Jones, et al., "Molecular Cloning of a Human Gene that is a Member of the Nerve Growth Factor Family" <u>Proc. Natl. Acad. Sci. USA</u> 87 :8060-8064 (1990)					
	63	Jongstra-Bilen, et al., "The in vitro processing of the NGF Precursors by the γ -subunit of the 7s NGF complex" <u>Molecular Brain Research</u> 5 :159-169 (1989)					
	64	Kahle, et al., "The Amino Terminus of Nerve Growth Factor Is Involved in the Interaction with the Receptor Tyrosine Kinase p140 ^{trkA} " <u>Journal of Biological Chemistry</u> 267(32) :22707-22710 (November 15, 1991)					
	65	Kaisho, et al., "Cloning and expression of a cDNA encoding an oval human neurotrophic factor" <u>FEBS Letters</u> 266(1,2) : 187-191 (June 1990)					
	66	Kanaya, et al., "Synthesis and Secretion of Human Nerve Growth Factor by Saccharomyces Cerevisiae" <u>Gene</u> 83 :65-74 (1989)					
	67	Kotzbauer, et al., "Neurturin, a relative of glial-cell-line-derived neurotrophic factor" <u>Nature</u> 384 :467-470 (1996)					
	68	Leibrock, et al., "Molecular Cloning and Expression of Brain-Derived Neurotrophic Factor" <u>Nature</u> 341: 149-152 (September 14, 1989)					
	69	Lin, et al., "GDNF: A Glial Cell Line-Derived Neurotrophic Factor for Midbrain Dopaminergic Neurons" <u>Science</u> 260 :1130-1132 (1993)					
	70	Maisano, et al. "SYNTHESIS OF NEW HYDROPHOBIC ADSORBENTS BASED ON HOMOLOGOUS SERIES OF UNCHARGED ALKYL SULPHIDE AGAROSE DERIVATIVES" <u>Journal of Chromatography</u> , 321 :305-317 (1985)					
	71	Maisonpierre, et al., "Neurotrophin-3: A Neurotrophic Factor Related to NGF and BDNF" <u>Science</u> 247 :1446-1451 (March 23, 1990)					
	72	Mobley, et al., "Characterization of Isolation of Proteolytically Modified Nerve Growth Factor" <u>Biochemistry</u> 15 :5543-5552 (1976)					
	73	Norrgren, et al., "Release of Nerve Growth Factor by Human Glial Cells in Culture" <u>Experimental Cell Research</u> 130 : 31-39 (1980)					
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		APPLICANT Burton, et al.	GROUP 1646
		FILING DATE February 8, 2002	TECH CENTER 1600/2900



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MM	75	Rosenthal, et al., "Primary Structure and Biological Activity of a Novel Human Neurotrophic Factor" <u>Neuron</u> 4: 767-773 (May 1990)					
	76	Rusenka, et al., "Interaction of [¹²⁵ I] Nerve Growth Factor with Acidic Proteins" <u>Neurochemical Research</u> 6(3):287-300 (1981)					
	77	Saboori, et al., "Nerve Growth Factor: Biosynthetic Products of the Mouse Salivary Glands. Characterization of Stable High Molecular Weight and 32,000-Dalton Nerve Growth Factors" <u>Biochemistry</u> 25:5565-5571 (1986)					
	78	Schmelzer, et al. "Biochemical Characterization of Recombinant Human Nerve Growth Factor" <u>Journal of Neurochemistry</u> 59(5):1675-1683 (1992)					
	79	Scott, et al., "Isolation and nucleotide sequence of a cDNA encoding the precursor of mouse nerve growth factor" <u>Nature</u> 302:538-540 (1983)					
	80	Shih, et al., "Mutagenesis Identifies Amino-terminal Residues of Nerve Growth Factor Necessary for Trk Receptor Binding and Biological Activity" <u>Journal of Biological Chemistry</u> 269:27679-27686 (1994)					
	81	Suda, et al., "Nerve Growth Factor in Mouse and Rat Serum: Correlation Between Bioassay and Radioimmunoassay Determination" <u>Proc. Natl. Acad. Sci. USA</u> 75(8):4042-4046 (1978)					
	82	Ulrich, et al., "Human β -Nerve Growth Factor Gene Sequence Highly Homologous to That of Mouse" <u>Nature</u> 303:821-825 (June 1983)					
	83	Ulrich, et al., "Sequence Homology of Human and Mouse B-NGF Subunit Genes" <u>Symp. on Quan. Biol.</u> 48:435-442 (1983)					
	84	Urfer, et al., "The Binding Epitopes of Neurotrophin-3 to its Receptors trkC and gp75 and the Design of a Multifunctional Human Neurotrophin" <u>The EMBO Journal</u> 13(24):5896-5909 (1994)					
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	86	Walker, et al., "Human Nerve Growth Factor: Lack of Immunocross-activity with Mouse Nerve Growth Factor" <u>Life Sciences</u> 26:195-200 (1980)					

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